



# *Stage Gate Process, Testing, and Evaluation*

## **C3 Breakout Session Report-Out**

**Solar America Initiative  
Technical Exchange Meeting  
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## Stage Gate

- Modeling should be an important component of the Stage Gate evaluation process. These gates are to be Data-driven and the Technology Pathway Partnerships should be required to provide adequate verification.
- To ensure fairness, DOE must use experts to conduct the Stage-Gate Reviews (i.e. Manufacturing Experts to evaluate a manufacturing cost model)
- More details, and examples are needed in the FOA to clarify SG
- DOE and Technology Pathway Partnership management oversight of the Stage Gate reviews are essential



## Testing and Evaluation

- More opportunities are needed to promote/explain National Lab roles to possible Technology Pathway Partnership recipients (i.e., websites, tutorials, site visits)
- Labs should establish a Point-of-Contact/Ombudsmen
- Funding for the Lab resources need to be accounted for in SAI and the Technology Pathway Partnerships
- Lab Resource Availability is critical and scheduling must be addressed
- Testing and Evaluation Plans should be required in all Technology Pathway Partnership
- Specific Testing Requirements should be established by the use of mathematical transfer functions and risk evaluations



## Testing and Evaluation

- DOE should require a set of core Environmental, Safety, and Health (ESH), performance and reliability protocols as part of the FOA with additional protocols to be established by the Technology Pathway Partnerships
- All Technology Pathway Partnerships should meet or exceed all applicable governing bodies (IEEE, UL, NEC, etc...) requirements
- The lab personnel should be matched to the Technology Pathway Partnerships based upon core expertise